

Subscribe (Full Service) Register (Limited Service, Free) Login

 The ACM Digital Library Search: O The Guide

(replace or overwritten or rewritten) (user identification information) as



in

expanded form

Searching within The ACM Digital Library for: (replace or overwritten or rewritten) (user identification information) and (digital content) and (maximum number) (start a new search)

Found 4 of 248,956

REFINE YOUR SEARCH

.

Related Journals
Related Magazines

Sort by

• Helmelov Results 1 - 4 of 4 Keywords

Binder (replace or overwritten of

<u>Discovered</u> Terms

Refine by People

Names Institutions Authors Reviewers

• Beline by

Publication Year Publication Names ACM Publications Content Formats

ADVANCED SEARCH

Advanced Search

FEEDBACK

Please provide us with feedback

Found 4 of 248,956



Efficient management for large-scale flash-memory storage systems with resource

conservation

Li-Pin Chang, Tel-Wel Kuo

November Transactions on Storage (TOS), Volume 1 Issue 4

2005

Publisher: ACM

Full text available: Pdf (1.45

Additional Information: full citation, abstract, references, index terms

MB)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 268, Citation Count: 8

relevance

Many existing approaches on flash-memory management are based on RAM-resident tables in which one single granularity size is used for both address translation and space management. As high-capacity flash memory is becoming more affordable than ever, ...

Keywords: Flash memory, consumer electronics, embedded systems, memory management, portable devices, storage systems

Automated reduction of the memory footprint of the Linux kernel

Domínique Chanet, Bjorn De Sutter, Bruno De Bus, Ludo Van Put, Koen De Bosschere

September 2007

Transactions on Embedded Computing Systems (TECS), Volume 6 Issue 4

Publisher: ACM

Full text available: **월**Pof (1.43

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 243, Citation Count: 1

The limited built-in configurability of Linux can lead to expensive code size overhead when it is used in the embedded market. To overcome this problem, we propose the application of linktime compaction and specialization techniques that exploit the ...

Keywords: Linux kernel, compaction, compression, operating system, specialization, system calls

3 Algorithms and data structures for flash memories

<u>Eran Gal, Sivan Toledo</u>

June 2005 Computing Surveys (CSUR), Volume 37 Issue 2

Publisher: ACM

Full text available: Pdf (343.39

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 101, Downloads (12 Months): 832, Citation Count: 23

Flash memory is a type of electrically-erasable programmable read-only memory (EEPROM). Because flash memories are nonvolatile and relatively dense, they are now used to store files and other persistent objects in handheld computers, mobile phones, digital ...

Keywords: EEPROM memory, Flash memory, wear leveling

4 Exterminator: Automatically correcting memory errors with high probability

Gene Novark, Emery D. Berger, Benjamin G. Zorn

December Communications of the ACM, Volume 51 Issue 12

2008

Publisher: ACM

Additional Information: full citation,

appendices

<u>and</u>

supplements, abstraci,

references, index terms

KB)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 172, Citation Count: 0

Digital Edition, 👺 Html (869.00 bytes),📆 Pdf (840.78

Programs written in C and C++ are susceptible to memory errors, including buffer overflows and dangling pointers. These errors, which can lead to crashes, erroneous execution, and security vulnerabilities, are notoriously costly to repair. Tracking down ...

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player